



# EXTRACTOR SOLUTIONS

## DIAMOND MINER SOP

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### THCA Crystallization

STANDARD OPERATING PROCEDURES FOR SPECIFIC COMPOUND CRYSTALLIZATION (DIAMOND MINING) ~USING A DIAMOND MINER~

### DISCLAIMER

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For use by professionals only. By purchasing or operating any equipment in accordance with this operating procedure you, as the operator and consumer are assuming all risk and liability associated with operating equipment in accordance with this SOP.

**WARNING:** Failure to follow safety precautions of all equipment can result in hazardous consequences such as: Physical damage to yourself, others, surrounding property, etc. Material data safety sheets should be available in the laboratory on all chemicals used in this process.

The following personal protection equipment should be worn by all lab personnel during extraction and preparation:

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### Personal Protection equipment

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- Splash goggles
- Lab coat
- Breathing mask
- Gloves



### Equipment & Tools

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- Diamond Miner
  - Vacuum oven / heat pad
  - Dry ice
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## TIPS AND TRICKS

Impurities prevent the crystals from being able to form large structures. Run cold, Dewax and remediate your product to get the best results. Fast crystallization will generally give you smaller formations. Large formations can be made by slowly crashing out the THCa in solvent over the course of days or weeks. .

## DIAMOND MINER SOP

- 1.Recover in closed loop to 5 to 10 PSI.
- 2.Remove solution and place directly into diamond miner. Filling the miner ½ to 2/3 full.
- 3.Leaving the valve open, Leave at room temperature ~75 F for 30-45 minutes until the solution loses volatility and the bubbling slows.
- 4.Close the ball valve and place on heat pad at 85-90F for 1.5 - 2 hours.
- 5.Leave at room temperature 75F~ for 1 hour
- 6.Place miner in a cooler or bucket with dry ice/ dry ice bath for 18-24 hours until desired crystal growth is achieved.
- 7.Optional, pour of terpenes before purging.
- 8.If pouring off the terpene fraction, Go back to the cold crash step and re crash any remaining Thc from the terpene fraction.
- 9.Place the miners base into the oven or remove the extract into a Pyrex dish and purge at 75-85F in the oven until bubbling stops.